

| FY 2010 CMLG Project List |                        |   |                               |  |                        |   |  |   |                           |                           |   |   |  |   |   |                                  |                                |                             |   |   |
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|                           |                        |   |                               |  |                        |   |  |   |                           |                           |   |   |  |   |   |                                  |                                |                             |   |   |
| Admin<br>Org<br>(RRFF)    | State<br>2 Ltr<br>Code | Route ID  | Road<br>or<br>Trail?<br>(R/T) | Project Name   | CMLG \$<br>(Thousands) | Other \$ & Fund<br>Type/Name<br>(Thousands) | No. of stream xings constr/<br>reconstr to meet stream<br>simulation | Miles of stream habitat restored<br>or enhanced | Miles of PC road improved | Miles of HC road improved | Miles of PC road receiving<br>maintenance | Miles of HC road receiving<br>maintenance | Miles of system road<br>decommissioned | Miles of unauthorized roads<br>decommissioned | No. of bridges<br>constructed/reconstructed | Miles of trail maintained to std | Miles of trail improved to std | Acres of watershed improved | Funds<br>obligated<br>in FY10?<br>(Y/N) | Project description   |
| R5 CMLG Totals            |                        |   |                               |  | \$10,000               |   | 90   | 97  | 40                        | 37                        | 26  | 66  | 5                                      | 55  | 4   | 145                              | 24                             | 2,743                       |   |   |
| 0502                      | CA                     | N/A   | N/A                           | Descanco Watershed Improvement -<br>Pipe Rail Installation - Prevention of<br>OHV Trespass                 | \$125.0                | \$20.0 - NFTM                               | 0  | 5   | 0                         | 0                         | 0   | 0   | 0                                      | 3   | 0   | 0                                | 0                              | 345                         | Y                                       | This project proposes the installation of steel pipe<br>rail barriers to prevent Off-Highway Vehciles from<br>using closed or user created routes.  |
| 0502                      | CA                     | 2000.21 -<br>Segment<br>of Pacific<br>Crest Trail | T                             | Cottonwood Creek Asphalt Removal   | \$45.0                 | \$10.0 NFIM                                 | 0  | 0.5   | 0                         | 0                         | 0   | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 38                          | Y                                       | This project proposes to remove old asphalt that is<br>in poor condition with evidence that it is moving<br>into the nearby stream channel to restore the<br>hydrologic function of the area, allowing for water<br>infiltration into soils, preventing excessive overland<br>flow, and possible erosion and sedimentation in<br>the nearby stream channel.                                   |
| 0502                      | CA                     | All<br>Designated<br>Routes                       | R                             | Cleveland National Forest - Hydrologic<br>Survey of Road Conditons and<br>Hydrologic Connection to Streams | \$150.0                | \$25.0 NFWV                                 | 0  | 0   | 0                         | 0                         | 0   | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 0                           | Y                                       | The project will survey roads and off-highway<br>vehicle trails in all 26 watersheds of the Cleveland<br>National Forest. The survey will identify road<br>maintenance, improvement, or decommissioning<br>needs and will also include identification of aquatic<br>organism passage problems and where road<br>drainage is contributing or has contributed to<br>negative watershed effects. |
| 0503                      | CA                     | 9N34  | R                             | McKinney Creek Crossing Upgrade  | \$204.0                | 0   | 1  | 3.3   | 0                         | 0.1                       | 0   | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 1                           | Y                                       | The project proposes to replace a double barrel<br>crossing of insufficient carrying capacity and high<br>plug potential. This will improve aquatic passage<br>and reduce the potential for crossing failure.   |
| 0503                      | CA                     | 9N22  | R                             | 9N22 Crossing Replacement  | \$54.0                 | 0   | 1  | 1   | 0.1                       | 0                         | 0   | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 1                           | Y                                       | Replace 48 inch diameter culvert with 84 inch<br>diameter culvert. This size reflects the space<br>necessary to accomodate 100 year storm flows. A<br>critical dip will be installed.   |
| 0503                      | CA                     | 9N40  | R                             | 9N40 Upgrade   | \$59.0                 | 0   | 0  | 0   | 0                         | 0                         | 0.1                                       | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 1                           | Y                                       | Road bed has been undercut by Dark Canyon<br>Creek, causing 240 cubic yards of fill failure.<br>Install a gabion basket wall to protect the road<br>from further erosion.   |
| 0503                      | CA                     | 9NY08   | R                             | 9NY08 Crossing Upgrade   | \$38.0                 | 0   | 1  | 0   | 0                         | 0                         | 0   | 0.1                                       | 0                                      | 0   | 0   | 0                                | 0                              | 1                           | Y                                       | Replace 54 inch diameter culvert with a 72 inch<br>diameter culvert. This size is required to<br>accomodate estimated 100 year storm flows. A<br>critical dip will be installed at the site.  |

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| 0503                      | CA                     | Roads in the South Fork American River - Chili Bar Watershed (SFARCBW)    | R                             | Eldorado National Forest (ENF) Road Sediment Source Inventory and Risk Assessment for the South Fork American River - Chili Bar Watershed (SFARCBW) | \$75.0                 | \$20.0 NFIM  | 0  | 0   | 0                         | 0                         | 0   | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 0                           | Y                                       | Project will survey all ENF roads in the 5th field SFARCBW to produce 1) GPS location of each rd./stream crossing, cross-drains, and other erosional features; 2) Detailed condition data for each crossing; 3) Risk assessment rank of stream crossings based on site conditions (risk and consequence of crossing failure) and 4) Overall road risk assessment based on the number of sites with diversion potential, and the percentage of the road found hydrologically connected to stream. Maintenance, improvement, or decommissioning needs will be identified and prioritized based on survey results. Surveys will identify where road drainage is contributing to watershed effects, and potential fixes. |
| 0504                      | CA                     | 03S5210, 03S5100, N12704, N12970, O3S5370, 03S5372, 03S5200, among others | R                             | Inyo National Forest - Implementation of Travel Management EIS - Little Hot Creek Watershed   | \$198.6                | \$50.0 - CMRD, \$2.5 - volunteer                         | 0  | 1   | 8.5                       | 0                         | 7   | 0   | 0                                      | 11.2  | 0   | 0                                | 0                              | 66                          | Y                                       | This project proposes to implement the mitigations for routes designated as part of the Travel Management EIS and appropriately block and disguise routes not designated to supplement the Motor Vehicle Use Map (MVUM) within the Little Hot Creek watershed. Mitigation includes: improving drainage, hardening, barriers, a re-route, a seasonal closure and signage, block and disguise approximately 42 intersections where an open route meets a closed route.   |
| 0504                      | CA                     | 08S1370, N2195, 08S1260, 08S1191, 08S2042, 08S1190, N2194, among others   | R                             | Inyo National Forest - Implementation of Travel Management EIS -Coyote Area   | \$90.0                 | \$10.0 - State of California OHV Grant, \$2.5- volunteer | 2  | 0.5   | 6                         | 0                         | 0   | 0   | 0                                      | 25  | 0   | 0                                | 0                              | 150                         | Y                                       | This project proposes to implement the mitigations for routes designated as part of the Travel Management EIS and appropriately block and disguise routes not designated to supplement the Motor Vehicle Use Map (MVUM) within the Coyote Area. Mitigation includes: improving drainage, hardening, barriers, a re-route, a seasonal closure and signage, block and disguise approximately 44 intersections where an open route meets a closed route.  |

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| 0504                      | CA                     | Ediza-<br>Iceberg<br>(#2614);<br>Old John<br>Muir Trail<br>(#2503E)                                   | T                             | Garnet Meadow/Iceberg Trail  | \$150.0                | \$22.0 Volunteer<br>and Packing<br>support  | 2  | 1   | 0                         | 0                         | 0   | 0   | 0                                      | 0   | 0   | 3                                | 1.5                            | 30                          | Y                                       | This project would complete watershed improvements on trails and headcuts within and adjacent to meadows near Garnet, Ediza and Iceberg Lakes in the Ansel Adams Wilderness. This project would enhance habitat for mountain yellow legged frogs, a Forest Service sensitive species by reducing sedimentation into a pond where there located. Both projects would reduce erosion, stream and lake sedimentation, improve meadow habitat, stabilize watershed condition and provide for user safety. |
| 0504                      | CA                     | Minaret<br>Lake Trail<br># 26E21,<br>John Muir<br>Trail #<br>25E03,<br>Fish Creek<br>Trail #<br>26E22 | T                             | John Muir, Minaret Lake and Fish<br>Creek Trail Stabilization and<br>Restoration Project | \$153.5                | 0   | 18   | 10  | 0                         | 0                         | 0   | 0   | 0                                      | 0   | 0   | 20                               | 20                             | 50                          | Y                                       | Trail maintenance and improvement work on twenty miles of wilderness trails. Proposed work includes hardening stream crossings and repairing bank structures at entries. Stream crossings will be narrowed and improved and terrace steps repaired to slow channel erosion and reduce sediment entry into streams.  |
| 0505                      | CA                     | (List some<br>of the main<br>routes)<br>45N57,45N<br>52, 45N16,<br>45N72,<br>45N49                    | R                             | Klamath - Scott River Road Sediment<br>Source Inventory                                  | \$175.0                | \$76.0 of NFVW,<br>\$22.0 of NFIM           | 0  | 0   | 0                         | 0                         | 0   | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 0                           | Y                                       | The project will survey sediment sources on roads in Scott River watershed. The survey will identify road maintenance, improvement, or decommissioning needs. The survey will also include identification or aquatic organism passage problems, and where road drainage is contributing or has contributed to watershed effects.  |
| 0505                      | CA                     | 45N27   | R                             | Mill Creek Stormproofing   | \$1,023.0              | 0   | 0  | 0   | 3.65                      | 4.27                      | 0   | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 15                          | Y                                       | Stormproofing includes out sloping roadbed, construction of rolling dips with ripraped outlets, placing aggregate, reducing fill material over culverts, replacing culverts with new culverts that will pass the 100 year storm event, and constructing rock fills.   |
| 0506                      | CA                     | 29N25,<br>29N62,<br>29N29,<br>28N21,<br>28N21C,<br>28N89,<br>28N89B,<br>28N89C                        | R                             | Mill Creek Stormproofing Phase II  | \$250.0                | RAC - \$52.4;<br>NFVW - \$63.0              |  | 0   | 0                         | 16                        | 0   | 16  | 0                                      | 0   | 0   | 0                                | 0                              | 96                          | Y                                       | Upgrading roads and their associated drainage structures to improve aquatic conditions necessary for sustaining threatened anadromous fish species and other aquatic organisms within the Mill Creek watershed. Elevated sediment levels attributed to native surface roads negatively impact spawning and rearing conditions for these salmonids.  |

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| 0506                      | CA                     | 31N12,<br>31N17 | R                             | NFSR 31N12 (Brokeoff Meadow Road)<br>Stormproofing | \$160.0                | KV \$93.5   | 0  | 0   | 0                         | 3.5                       | 0   | 3.5                                       | 0                                      | 0   | 0   | 0                                | 0                              | 21                          | Y                                       | Project includes stormproofing (outsloping, construction of diversion potential and disconnect dips, etc), and surfacing of 3.5 miles of NFSR 31N12. NFSR 31N12 is a significant source of chronic erosion and sediment contribution to the North and South Forks of Bailey Creek. The project will construct an aggregate surface course for the 3.5 mile section of road, construct diversion potential dips, and change the road template from insloped with a ditch to outsloped for the majority of the road.   |
| 0506                      | CA                     | 37N02           | R                             | Summit Lake Road Improvements<br>Phase II          | \$75.0                 | Surface<br>Replacement<br>Funds (CWF2):<br>\$30.0 | 0  | 0   | 4.5                       | 0                         | 4.5                                       | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 27                          | Y                                       | This project is a continuation of FY09 CMLG improvements to NFSR 37N02 (Summit Lake Rd). The purpose of Phase II is to complete the road reconditioning by constructing an aggregate surface course on the remaining 4.5 miles of roadway that currently has a surface made of milled asphalt material. Constructing this aggregate surface course will further improve drainage and reduce rutting of the roadway, which will reduce negative impacts to the watershed.   |
| 0506                      | CA                     | 31N17           | R                             | Bailey Creek AOP NEPA                              | \$16.0                 | 0   | 2  | 0   | 0                         | 0                         | 0   | 0   | 0                                      | 0   | 2   | 0                                | 0                              | 0                           | Y                                       | <p>The objective of the project is to complete the Environmental Analysis and required permitting for the removal of aquatic barriers at the following crossings: NF Bailey Creek at 31N17 (M.P. 16.9), SF Bailey Creek at 31N17 (M.P. 16.8).</p> <p>At each site, remove existing undersized CMPA's and replace with structures to accommodate aquatic passage and reduce risk of crossing failure. Project will be designed to accommodate 100-year events. The Regional Office is in the process of completing the designs for bridges at each crossing. Completion of the environmental analysis and permitting will allow the Forest to implement the projects if funded through HTAP and/or to request future funding elsewhere.</p> |

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| 0508                      | CA                     | 2N5N06,<br>25N30B,<br>25N17,25N<br>06B,<br>25N45C,<br>25N45D,<br>25N45A,<br>25N44,<br>25N45B,<br>25N40,<br>25N31,<br>25N30,<br>25N06D,<br>25N17A,<br>25N15A,<br>25N12A,<br>25N12,<br>25N31B,<br>25N07,<br>25N15,<br>25N30A,<br>25N45,<br>25N40B,<br>M1,<br>25N40A | R                             | Lucky George Stormproofing              | \$313.0                | Internal<br>partnerships<br>across many<br>EBLIs have born<br>the cost of<br>identifying the<br>needed work.<br>Combined cost =<br>\$10.0 | N/A  | 3   | n/a                       | n/a                       | 7   | 17  | n/a                                    | n/a   | n/a   | n/a                              | n/a                            | 150                         | Y                                       | Project proposes to “stormproof “ roads in this priority watershed by constructing rolling dips to reduce concentrations of runoff from roadway, and critical dips to lessen stream diversion potential, road brushing, as necessary to facilitate the rolling dip construction, cleaning of culvert inlets, pulling ditches as needed, outsloping designated segments, and post season grading. The work will benefit ESA listed steelhead, salmon, and designated critical habitat. |
| 0508                      | CA                     | 24N21,<br>23N37C,<br>and 24N09  | R/T                           | Yolla Bolly Decommission Planning Match | \$45.0                 | \$30.0 in<br>combination from<br>NFWF, CMRD,<br>and NFWW<br>internal match<br>and \$284.0 from<br>California OHV<br>grant                 | 0  | 0   | 0                         | 0                         | 0   | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 0                           | Y                                       | The Forest has recieved \$284,000 in an OHV grant and needs to provide a minimum 25% match. The requested Legacy funding would be combined with NFWF, NFWW, and CMRD money for the completion of design, contract preparation, and NEPA for road decomissions in the Yolla Bolly Wilderness additions to eliminate nonconforming motorized use and protect water quality which will benefit ESA listed steelhead, salmon, and designated critical habitat.                            |

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| 0508                      | CA                     | Routes we are considering include: 20n09, 20n101, 20n105, 20n107, 20n111, 20n117, 20n13, 20n17, 20n200s, 20n23, 21n15, 21n207, 21n40, 21n41, 22n11, 23n71, 24n01, etc. | R                             | Mendocino Road and Watershed Conditon Surveys                           | \$85.0                 | \$15.5 NFVW, \$2.0 NFWF                     | 0  | NA  | 0                         | 0                         | 0   | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 0                           | Y                                       | The project will survey and identify road maintenance (including hydrologic connectivity and sediment production), improvement, and decommissioning needs. The survey will also include identification of aquatic organism passage problems. The project serves to protects water quality and the identified out-year implemented work will benefit ESA listed steelhead, salmon, and designated critical habitat. |
| 0509                      | CA                     | Forest Road 45N05  | R                             | Modoc National Forest Rush Creek-45N05                                  | \$44.0                 | \$7.0 NFVW, \$6.0 CMRD                      | 2  | 2   | 3                         | 0                         | 3   | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 25                          | Y                                       | Reconstruction of existing road prism by crowning the roadway, removal of outside berm, installing 5 cross drains, installing 5 armored rolling dips, rocking the roadway and armoring the inside ditch.   |
| 0509                      | CA                     | Multiple user defined roads/trails   | R                             | Modoc National Forest Rush Creek User Defined Rds & Trails              | \$40.0                 | \$15.0 NFVW                                 | 0  | 2   | 0                         | 0                         | 0   | 0   | 0                                      | 15  | 0   | 0                                | 0                              | 50                          | Y                                       | Decomission user defined roads/trail identified in the TM FEIS for not being part of the proposed system. The proposal activity will be to make hydrologically stable and disconnect the roadway from riparian areas and closed to public access.  |
| 0509                      | CA                     | Forest Roads 45N08, 46N52 and 46N63  | R                             | Modoc National Forest Lassen Creek (Reduced from \$405,000)             | \$300.0                | \$25.0 CMRD                                 | 4  | 4   | 4                         | 2                         | 4   | 2   | 0                                      | 0   | 0   | 0                                | 0                              | 30                          | Y                                       | Relocation of road out of riparian area, reestablish the road prism, crown the roadway, blade and rock the roadway, install 13 armored rolling dips, improve and upgrade 4 stream crossings and rock steepest pitches of the roadway.  |
| 0510                      | CA                     | FS-30, 1N10, 1N30, CO-501, CO-502, CO-511, CO-512 (List some of the main routes)   | R                             | Six Rivers NF (Mad River RD) - Survey of Road-Stream Crossing Condition | \$49.0                 | 0   | 0  | 0   | 0                         | 0                         | 0   | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 0                           | Y                                       | The project will survey road-stream crossings in the Mad River, Van Duzen, and Eel River basins. The survey will identify priority culverts for aquatic organism passage (AOP) restoration needs.  |

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| 0510                      | CA                     | Mad River<br>District<br>NFTS  | R                             | Six Rivers- Survey of Road Conditon<br>and Watershed Improvement Needs<br>for the Mad River District (Reduced<br>from \$600,000) | \$300.0                | 0   | 0  | 0   | 0                         | 0                         | 0   | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 0                           | Y                                       | The project will survey several NFTS roads<br>throughout the Mad River District ( 5th field HUC -<br>Upper Mad, Middle Mad, Upper Van Duzen, Lower<br>Van Duzen, North Fork Eel, Dobbyn Creek). All<br>watersheds within the Mad River District have<br>been listed as sediment impaired under the 303(d)<br>of the Clean Water Act. All watersheds have a<br>completed TMDL that lists roads as the leading<br>management-related source of sediment. The<br>survey will identify road maintenance,<br>improvement (diversion potential correction,<br>upgrading undersized culverts), and<br>decommissioning needs. The survey will also<br>identify where road drainage is contributing or has<br>contributed to watershed effects (rills, gullies,<br>landslides). |
| 0510                      | CA                     | Roads<br>11N45A,<br>12N36,<br>12N36A,<br>12N36C,<br>12N02,<br>12N02A | R                             | Six Rivers- Camp Creek Road<br>Decommissioning   | \$148.8                | \$37,.2 in<br>partnership funds<br>from the Karuk<br>Tribe via a cost<br>share agreement.<br>This proposal is<br>part of a larger<br>\$1.9 million<br>District-wide road<br>restoration<br>program, funded<br>through grants. | 0  | 0   | 0                         | 0                         | 0   | 0   | 4.4                                    | 0   | 0   | 0                                | 0                              | 33                          | Y                                       | The project will decommission 4.4 miles of road in<br>the Camp Creek watershed. Nineteen stream<br>crossings will be removed and recontoured to<br>original channel dimensions. Unstable areas will<br>be outsloped and the roads will be left in a<br>hydrologically disconnected condition and not<br>require future maintenance. The objective is to<br>reduce road risks and potential sedimentation in a<br>high fisheries value Key Watershed.   |
| 0511                      | CA                     | 23N60  | R                             | 23N60: Road Drainage Improvement<br>and stream crossing upgrade  | \$127.7                | 0   | 0  | 0.15  | 1                         | 0                         | 0   | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 6                           | Y                                       | The project will install an additional 19 (24 inch<br>diameter) cross drain culverts in order to facilitate<br>drainage of the road surface/ditch system at<br>approximately 200 foot intervals, which will sharply<br>reduce the quantity of road runoff draining at each<br>cross drain culvert. Upgrade the stream crossing   |
| 0511                      | CA                     | 23N54  | R                             | 23N54: Willow Creek Tributary Stream<br>Crossing Upgrade   | \$26.7                 | 0   | 1  | 0   | 0                         | 0                         | 0   | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 3                           | Y                                       | Project would replace the existing 36 inch CMP<br>with a 60 inch CMP and create a rip-rap headwall<br>to armor the fill slope.   |
| 0512                      | CA                     | 2N10   | R                             | Mill Creek Road Stabilization  | \$644.0                | 0   | 0  | 0   | 4.7                       | 0                         | 0   | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 30                          | Y                                       | Stabilize Mill Creek Road by installing<br>underground drainage systems, overside drains,<br>culverts, and aggregate surfacing on 4.7 miles of<br>passenger car roads.   |
| 0512                      | CA                     | 1N09   | R                             | Deer Creek Crossing  | \$30.0                 | 0   | 1  | 0   | 0                         | 0                         | 0   | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 0                           | Y                                       | Construction of an all weather concrete crossing<br>to separate creek from road. NEPA would be<br>accomplished in FY 2010, design and construction<br>in 2011.   |

| FY 2010 CMLG Project List |                        |  |                               |   |                        |   |  |   |                           |                           |   |   |  |   |   |                                  |                                |                             |   |   |
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| 0513                      | CA                     | 22S02 Last<br>Chance<br>Road   | R                             | Last Chance Road Surfacing and<br>Stabilization   | \$480.0                | 0   | 0  | 0.7   | 4.1                       | 0                         | 0   | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 30                          | Y                                       | Reconditioned and surface road with 1 inch minus<br>aggregate to reduce sediment into the adjacent<br>meadow and streams. Drainage structures<br>(ditches, rolling dips, culverts, and overside<br>drains)would be cleaned, reconditioned, and<br>stormproofed as appropriate, berms would be<br>removed and roadbed outsloped where possible.  |
| 0513                      | CA                     | 24S57B,<br>24S57A,<br>24S57,<br>24S55A,<br>24S54,<br>24S53,  | R                             | Upper Kern River Restoration  | \$85.0                 | 0   | 0  | 17.8  | 0                         | 0                         | 0   | 2.3                                       | 0                                      | 0   | 0   | 0                                | 0                              | 200                         | Y                                       | The project will implement Travel Management<br>decisions to stabilize road surfaces to reduce<br>sediment yield to the Kern River, a fishery that<br>contains native trout and hardhead minnow<br>populations.   |
| 0513                      | CA                     | 12S01<br>Davis<br>Road   | R                             | Davis Road Reconstruction NEPA  | \$93.0                 | Possible Title II<br>funds from the<br>Fresno County<br>RAC (amount<br>unknown at this<br>time) | 9  | 14.3  | 0                         | 11.2                      | 0   | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 0                           | Y                                       | Funding to complete NEPA for reconstruction of<br>FS road that passes through one of six Critical<br>Aquatic Refuges (Mill Flat CAR that provides<br>habitat for Western Pond Turtle and native fish<br>species) identified on the Sequoia National Forest<br>under the 2001 Framework. The road was<br>constructed in the early 1900's and has some<br>limited features (ie: retaining walls) that may be of<br>historical significance. |
| 0513                      | CA                     | Designated<br>Routes<br>(Roads<br>and Trails)<br>and User<br>Created<br>Routes<br>within the<br>Giant<br>Sequoia<br>National<br>Monument | Roads<br>and<br>Trails        | Giant Sequoia National Monument -<br>Watershed Improvement Needs<br>Inventory of Roads and Trails | \$124.1                | \$25.0 NFWW   | 0  | 0   | 0                         | 0                         | 0   | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 0                           | Y                                       | The Sequoia National Forest would inventory<br>system and user created roads and trails located<br>in the Giant Sequoia National Monument. A<br>watershed improvement needs inventory would<br>result in improvement projects and a program of<br>planning work on those watersheds in the<br>Monument. The survey will identify road<br>maintenance, improvement, or decommissioning<br>needs.   |
| 0514                      | CA                     | 29N30  | Road<br>Bridge                | Dark Canyon Fish Passage Repair<br>Design   | \$90.0                 | 0   | 1  | 0   | 0                         | 0                         | 0.1                                       | 0   | 0                                      | 0   | 1   | 0                                | 0                              | 0                           | Y                                       | This project will complete a design to reconstruct<br>the structure/streambed to provide aquatic<br>organism passage on Dark Canyon Road.   |
| 0514                      | CA                     | 5N04   | Road<br>Bridge                | French-Swede Fish Passage Design  | \$109.0                | 0   | 1  | 0   | 0                         | 0                         | 0   | 0   | 0                                      |   | 1   | 0                                | 0                              | 0                           | Y                                       | This project will complete the design of a bridge to<br>replace an existing 12 foot diameter culvert that is<br>creating a fish passage barrier.  |
| 0514                      | CA                     | 8E18 and<br>7E30   | T                             | South Fork Trinity National Recreation<br>Trail and French Ranch Trail<br>Rehabilitation          | \$200.0                | 0   | 40   | 25  | 0                         | 0                         | 0   | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 75                          | Y                                       | Repair water crossings and tread damage<br>resulting from fire activity and past storms that<br>have not been rebuilt due to lack of funding.<br>Erosion control features to be improved or<br>installed include: armored water crossings and<br>crossing repairs, slide clearing, waterbars, check<br>dams, rock walls, and causeways.   |
| 0514                      | CA                     | see<br>attached<br>list  | R                             | Lower Hayfork to South Fork Mountain<br>Stormproofing   | \$245.0                | 0   | 0  | 0   | 0                         | 0                         | 0   | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 200                         | Y                                       | Reconstruction of roads to reduce stream<br>diversion potential or incorporate low impact<br>design features (storm proofing).  |

| FY 2010 CMLG Project List |                        |   |                               |   |                        |   |  |   |                           |                           |   |   |  |   |   |                                  |                                |                             |   |   |
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| 0515                      | CA                     | 9S72A   | R                             | Clovis Run OHV Road Erosion Control   | \$75.0                 | possible<br>partnering funds<br>\$5.0 to \$10.0   | 0  | 1.2 mi  | 0                         | 0                         | 0   | 1.65                                      | 0                                      | 0   | 0   | 0                                | 0                              | 3                           | Y                                       | Provide surface and outlet erosion control keeping the primitive nature of the OHV road. Repair stream crossing. Also, install gates and barrier rocks at specified locations to control wet weather use.   |
| 0515                      | CA                     | 9S402   | R                             | West Fork Cow Creek Road<br>Obiliteration Planning  | \$30.0                 | 0   | 0  | 1.5   | 0                         | 0                         | 0   | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 0                           | Y                                       | NEPA Planning and project preconstruction engineering for the complete obiliteration of the roads near Cow Creek Road. Project area is adjacent to West Fork Cow Creek, in the Cow Creek Critical Aquatic Refuge established for the protection of Lahontan cutthroat trout.  |
| 0516                      | CA                     | 18E26,19E11,19E22,19E94A,20E76,20E52,20E54,20E55,20E56,20E78,20E87,18E04,18E20,18E21,19E02,19E05,19E43,19E94,20E01,20E04,20E04A,18E06,18E49,19E06,19E16,19E50,20E03,20E05,20E06,20E07,21E01,21E02,21E08,21E52,21E50 | T                             | Stanislaus National Forest Wilderness Trail Soil Protection and Sedimentation Reduction Project | \$163.9                | Contributed California Conservation Corp (CCC) = \$131.2 and America Recovery and Reinvestment Act (ARRA) = \$295.0 | 0  | 0   | 0                         | 0                         | 0   | 0   | 0                                      | 0   | 0   | 118.7                            | 0                              | 350                         | Y                                       | Work to be performed will consist of cleaning and repairing trail drainage structures within the affected watersheds on system trails. Structures to be repaired or installed will include, but not be limited to, rock water bars, drainage swales, gully crossings, shallow stream crossings, trail tread rip rap, rock walls and retainers.                                      |
| 0516                      | CA                     | all roads throughout five watersheds  | R                             | Stanislaus National Forest Priority Watershed Road Inventory                                    | \$166.0                | 0   | 0  | 0   | 0                         | 0                         | 0   | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 0                           | Y                                       | Conduct a road inventory on the five forest priority watersheds. The inventory would detect maintenance, reconstruction, closure, and decommissioning opportunities. A road inventory protocol has been developed on the forest to determine hydrologically connected segments (HCS) of forest roads that deliver sediment to streamcourses (Frazier, J.W. and S.L. Grant, 2006). . |

| FY 2010 CMLG Project List |                        |   |                               |  |                        |   |  |   |                           |                           |   |   |  |   |   |                                  |                                |                             |   |  |
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| 0516                      | CA                     | FS-52, FS-200/992, FS-31, FS-14, FS-17, FS-20, ST-4, ST-108, ST-120<br>(List some of the main routes) | R                             | Stanislaus NF - Survey of Road-Stream Crossing Condition                               | \$49.0                 | 0   | 0  | 0   | 0                         | 0                         | 0   | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 0                           | Y                                       | The project will survey road-stream crossings in the Clavey River, North Fork Tuolumne, Upper Middle Fork Stanislaus, Lower Middle Fork Stanislaus, South Fork Stanislaus watersheds. The survey will identify priority culverts for aquatic organism passage (AOP) restoration needs.   |
| 0516                      | CA                     | Many  | R                             | Stanislaus Culvert Maintenance   | \$48.0                 | 0   | 0  | 0   | 0                         | 0                         | 0   | 7.7                                       | 0                                      | 0   | 0   | 0                                | 0                              | 0                           | Y                                       | The culvert maintenance project would accomplish cleaning and repair of approximately 77 culverts that have been partially or completely plugged or damaged.   |
| 0516                      | CA                     | 4N09  | R                             | 4N09 Rush Creek Restoration  | \$62.1                 | 0   | 0  | 0   | 0.1                       | 0                         | 0   | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 1                           | Y                                       | This project would restore the eroded 2 feet of the edge of road 4N09 and stabilize the bank of Rush Creek where the creek eroded into its bank several years ago. .   |
| 0516                      | CA                     | unauthoriz  | R                             | Leland Watershed Improvement Project   | \$120.0                | \$20.0(NFVW, \$20.0 (KV), \$8.0 (Mule Deer Foundation grant), \$30.0(grant proposal submitted to US Army Corps of Engineers- not yet awarded) | 0  | 1   | 0.01                      | 0                         | 0   | 0   | 0                                      | 0.1   | 0   | 0                                | 0                              | 10                          | Y                                       | The proposed project will re-water the meadow by filling the gully with local soil, reconstructing a small meandering channel on the adjacent floodplain, and armoring the new streambed with rock grade stabilizers at designated spacing. This redesigned channel will be capable of handling runoff from 4N12 and would include proper armoring of culvert outlets. All remnant logging roads in the area will be subsoiled to reduce runoff. |
| 0517                      | CA                     | 088-58, and 4.1 miles of unauthorized routes  | R                             | Duncan Canyon Inventoried Roadless Area, Section 8, TAP                                | \$50.0                 | 0   | 0  | 0   | 0                         | 0                         | 0   | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 0                           | Y                                       | Inventory and NEPA analysis of Section 8 of the inventoried Roadless Area. The inventory will identify road maintenance, improvement and decommissioning needs and will also include identification of aquatic passage problems and where road drainage is contributing to watershed effects.  |
| 0517                      | CA                     | OHV Trail 11E40 (Loop 2)  | T                             | Planning for stream crossing of south branch of Forbes Creek near existing trail 11E40 | \$18.0                 | \$80.0-Construction using State Off Highway Vehicle Trust Funds, 2011   | 0  | 0   | 0                         | 0                         | 0   | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 0                           | Y                                       | These planning funds are for a Trail location specialist to determine the best location to cross Forbes Creek, which is one of two streams that flows into Sugar Pine Reservoir - Foresthill's domestic water source.  |
| 0517                      | CA                     | Multiple roads and trails in the Prosser Creek Watershed  | R/T                           | Prosser Creek Watershed Road Sediment Reduction Project, Phase 2                       | \$45.0                 | 0   | 0  | 3   | 0                         | 0                         | 0   | 15.25                                     | 0                                      | 0   | 0   | 1.71                             | 0                              | 30                          | Y                                       | This is Phase 2 of the Prosser Creek Watershed Road Sediment Reduction Project, a 2009 Legacy funded project. Project would storm proof and return Forest roads to a manageable and maintainable condition. Work includes constructing and or maintaining dips, water bars, low water crossings, ditches and culverts on the remaining 24 roads and 4 trails indentified in phase 1.   |

| FY 2010 CMLG Project List |                        |   |                               |   |                        |   |   |   |                           |                           |   |   |  |   |   |                                  |                                |                             |   |  |
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| 0517                      | CA                     | System roads; 72 , 73, 894, 787, 889  | R/T                           | Tahoe East Side - Little Truckee River Boca Reservoir   | \$25.0                 | 0   | 0   | 0   | 0                         | 0                         | 0   | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 0                           | Y                                       | The project will survey approximately 65 miles of roads (and or trails) in the Boca Reservoir HUC 7 watershed. The survey will identify road maintenance, improvement, or non-system road decommissioning needs. The survey will also incorporate existing identified aquatic organism passage problems, and where road drainage is contributing or has contributed sediment or affects hydrologic connectivity. |
| 0517                      | CA                     | System Roads 11 and 878 also the 89-36 road   | R/T                           | Tahoe East Side - Little Truckee River - Sagehen (HUC6) | \$20.0                 | Some roadwork previously idenitfied using planning dollars. | 0   | 0   | 0                         | 0                         | 0   | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 0                           | Y                                       | The project will survey approximately 39 miles of roads (and or trails) in the Sagehen HUC 6 watershed. The survey will identify road maintenance, improvement, or non-system road decommissioning needs. The survey will also incorporate existing identified aquatic organism passage problems, and where road drainage is contributing or has contributed sediment or affects hydrologic connectivity. T      |
| 0517                      | CA                     | 10E12 (Fir Cap 4x4 Trail), 10E02 (Downnie 4x4 Trail), 11E18 (Craycroft 4x4 Trail), 11E02 (Empire Creek Trail), 11E20 (Red Oak 4x4 Trail). | T                             | Yuba River Water Quality and Trail Impr                 | \$72.0                 | \$4.4 State of CA OHV Grant, \$1.0 Volunteer Labor          | Several perennial and numerous intermittent and ephemeral streamcourse crossings. | 0   | 0                         | 0                         | 0   | 0   | 0                                      | 0   | 0   | 15.4                             | 2.8                            | 660                         | Y                                       | Reestablish functional drainage on trails through the construction/reconstruction of rolling dips throughout their lengths. Empire Cr. Tr. (single-track) also has several wet spring X-ings that need to be drained and hardened (paver blocks). All these water courses drain into the North Yuba River (candidate for federal Wild and Scenic River designation).   |
| 0517                      | CA                     | Various, located in critical watersheds   | R/T                           | Tahoe NF Critical Watershed Inventory                   | \$125.0                | 0   | 0   | 0   | 0                         | 0                         | 0   | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 0                           | Y                                       | Small scale TAP to start an inventories of the existing National Forest Transportation System routes on the TNF: random sample (stratified soil risk assessment) & known problem areas   |
| 0519                      | CA                     | FS-3, FS-73, FS-1201, ST-   | R                             | LTBMU - Survey of Road-Stream Crossing Condition        | \$49.0                 | 0   | 0   | 0   | 0                         | 0                         | 0   | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 0                           | Y                                       | The survey will identify priority culverts for aquatic organism passage (AOP) restoration needs.   |
| 0519                      | CA                     | 17E34   | R                             | Mt Tallac Legacy BMP and Reconstruction Project         | \$210.0                | 0   | 3   | 0   | 0                         | 0                         | 0   | 0   | 0                                      | 0   | 0   | 1.75                             | 1.4                            | 10                          | Y                                       | 1.4 miles improved, extensive restoration and stabilization work needed on current trail and rerouted sections   |

| FY 2010 CMLG Project List |                        |                  |                               |   |                        |   |  |   |                           |                           |   |   |  |   |   |                                  |                                |                             |   |  |
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|                           |                        |                  |                               |   |                        |   |  |   |                           |                           |   |   |  |   |   |                                  |                                |                             |   |  |
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| 0519                      | CA                     | Cold Creek Trail | T                             | Cold Creek Trail BMP and Reconstruction Project | \$165.0                | 0   | 1  | 0   | 0                         | 0                         | 0   | 0   | 0.88                                   | 0   | 0   | 0                                | 0.76                           | 5                           | Y                                       | The overall goal of this project is to rebuild the Cold Creek trail in order to meet current BMP standards and current Forest Service specifications. This proposal would allow for the decommissioning and restoration of the most problematic segments, rerouting them to more appropriate locations for proper grade and drainage, as well as creating better sightlines for users and decreasing the potential for use conflict. Additionally, this project will correct a stream crossing issue by armoring the crossing as well as the approach on either side to prevent streambed erosion. Existing ford stream crossing will be reconstructed with armoring to protect creek bed, reduce sedimentation and remove impediments to stream flow. |
| 0520                      | CA                     | Various          | R                             | RMRS Project Effectiveness Monitoring           | \$65.0                 | 0   | 0  | 0   | 0                         | 0                         | 0   | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 0                           | Y                                       | Rocky Mountain Research Station monitoring to evaluate effectiveness of treatments in protecting water quality.  |
| 0520                      | CA                     | Various          |                               | Reserve   | \$21.5                 | 0   | 0  | 0   | 0                         | 0                         | 0   | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 0                           | Y                                       | Reserve for mitigation projects, contract overruns   |
| 0520                      | CA                     | Various          | R/T                           | Regionwide Travel Analysis                      | \$1,800.0              | 0   | 0  | 0   | 0                         | 0                         | 0   | 0   | 0                                      | 0   | 0   | 0                                | 0                              | 0                           | Y                                       | To identify environmental risks associated with transportation system roads and trails, and their impacts on soils, watersheds, and riparian habitat thru initial steps for travel analysis to Implement Subpart A.  |